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OUR REFERENCE: 220650

FROM: JOHN KILYK, JR.
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To: EXAMINER BRYAN R. MULLER
GROUP ART UNIT: 3723
UNITED STATES PATENT AND TRADEMARK OFFICE
COMMISSIONER FOR PATENTS
ALEXANDRIA, VA 22313

FACSIMILE NUMBER: (571) 273-8300

IN RE APPLN. OF: De Rege et al.
APPLICATION NO. 10/753,138
FILED: January 7, 2004

ATTORNEY DOCKET: 100185**ATTACHED PLEASE FIND THE FOLLOWING DOCUMENTS:**

THE FOLLOWING DUPLICATE OF A DOCUMENT SUBMITTED WITH THE IDS OF JANUARY 7, 2004:

REFERENCE AS (1 PAGE) (JP063096599 A)
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Dissolution of ruthenium metal adhered to nuclear fuel dissolving tank - by dissolving in aq. soln. of alkali metal hydroxide contg. potassium permanganate

Patent Assignee: MITSUBISHI HEAVY IND CO LTD

Patent Family

| Patent Number | Kind | Date | Application Number | Kind | Date | Week | Type |
|---------------|------|----------|--------------------|------|----------|--------|------|
| JP 63096599 | A | 19880427 | JP 86242121 | A | 19861014 | 198823 | B |

Priority Applications (Number Kind Date): JP 86242121 A (19861014)

Patent Details

| Patent | Kind | Language | Page | Main IPC | Filing Notes |
|-------------|------|----------|------|----------|--------------|
| JP 63096599 | A | | 2 | | |

Abstract:

JP 63096599 A

Metal ruthenium (Ru) or radioactive Ru adhered to the inner surface of a dissolving tank of used nuclear fuel bar, is removed by dissolving it in an aq. soln. (5-20%) of alkali metal hydroxide, e.g., potassium hydroxide, sodium hydroxide, or lithium hydroxide, to which 1-5% of potassium permanganate is added.

USE/ADVANTAGE - Method can effectively and simply dissolve and remove metallic ruthenium or radioactive metal Ru adhered to the inner surface of the dissolving tank of used nuclear fuel in atomic power facilities, etc., for cleaning up the appts. e.g. container treatment facilities handling nuclear fuels without causing corrosion of appts. material.

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Derwent World Patents Index

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PAT/TM Due Date _____

New U.S. Patent Application

Title: "CHEMICAL-MECHANICAL POLISHING OF METALS IN AN OXIDIZED FORM" (De Rege Thesauro et al.)

LAH

Enclosed:

- 1) Utility Patent Application Transmittal (2 pgs. in duplicate)
- 2) Specification, Claims and Abstract (20 pgs., 30 claims)
- 3) Combined Declaration and Power of Attorney (2 pgs.)
- 4) Application Data Sheet (4 pgs.)
- 5) Information Disclosure Statement (4 pgs. in duplicate)
- 6) 1449 Form (1 pg.)
- 7) Copies of cited references (AS-AZ)
- 8) Return postcard

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